

FIG. 3A(1)

FIG. 3A(2)

REFLECTIVE SENSOR

EE-SY-124

26

A circular logo with a cross inside, surrounded by a dotted border. Two arrows point towards the logo from the bottom left.

AMPLITUDE
MODULATED
BY HEARTBEAT

20

30

1000

四

D2
D1

F/G. 3A(3) vac ↑

FIG. 3A(3) Vac

U3 UPA4347

R5 100K

C3 0.1uF

C14 10uF

32

34

$\Xi^0 \leftarrow 3A(3)$ vec

FIG. 3A(4)

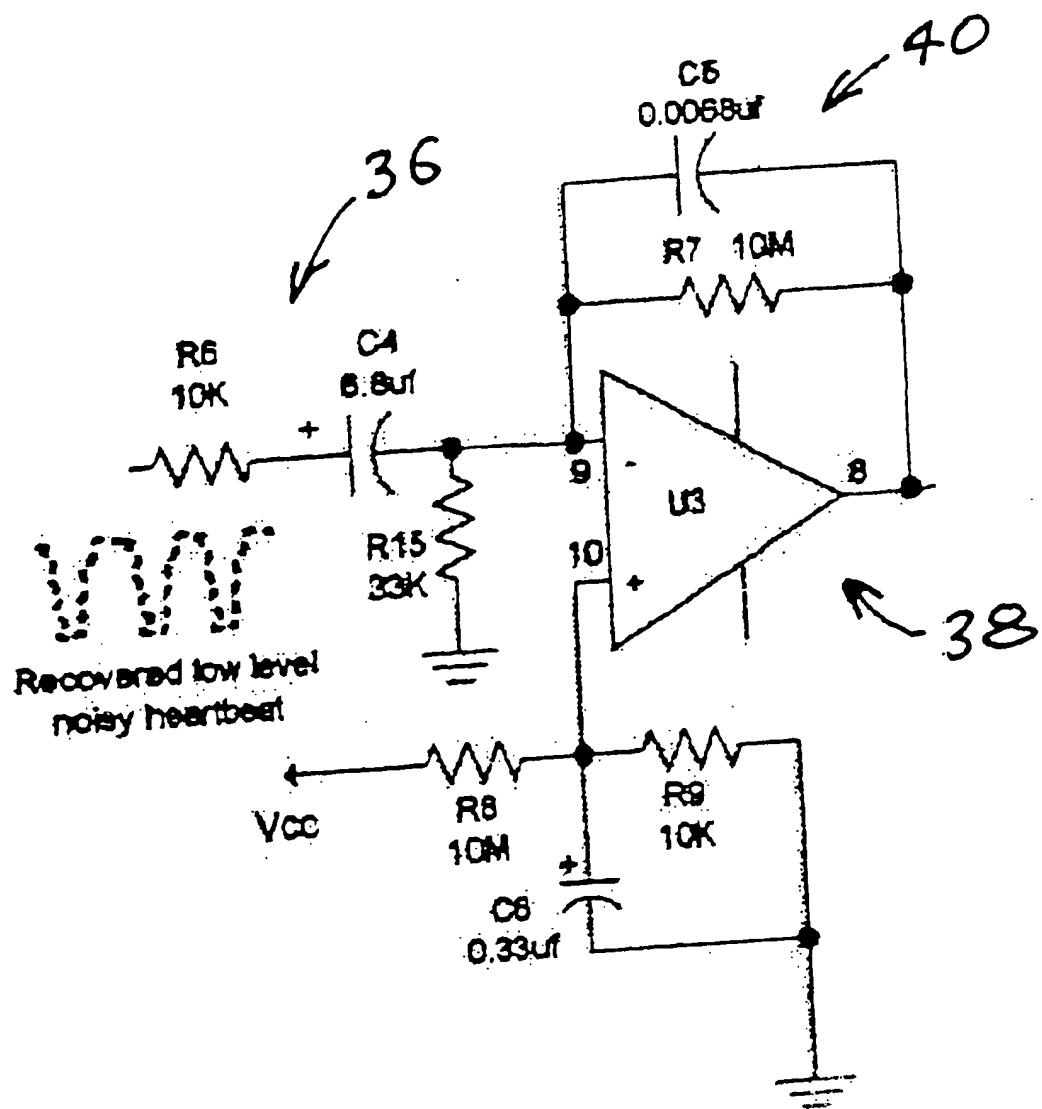
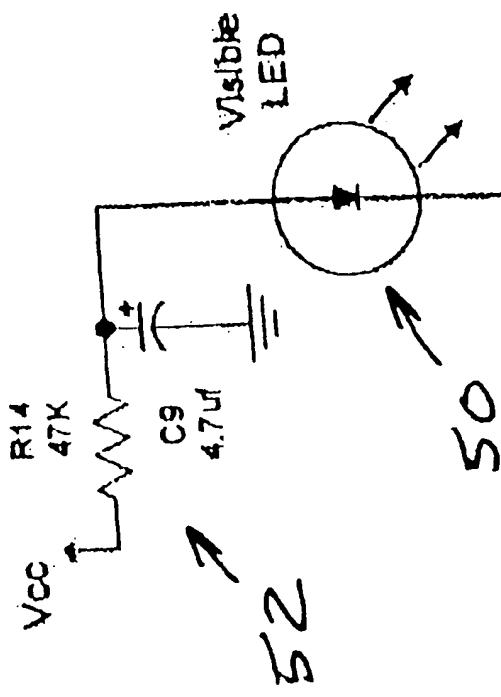


FIG. 3A(5)



Amplified and
Filtered Heartbeat

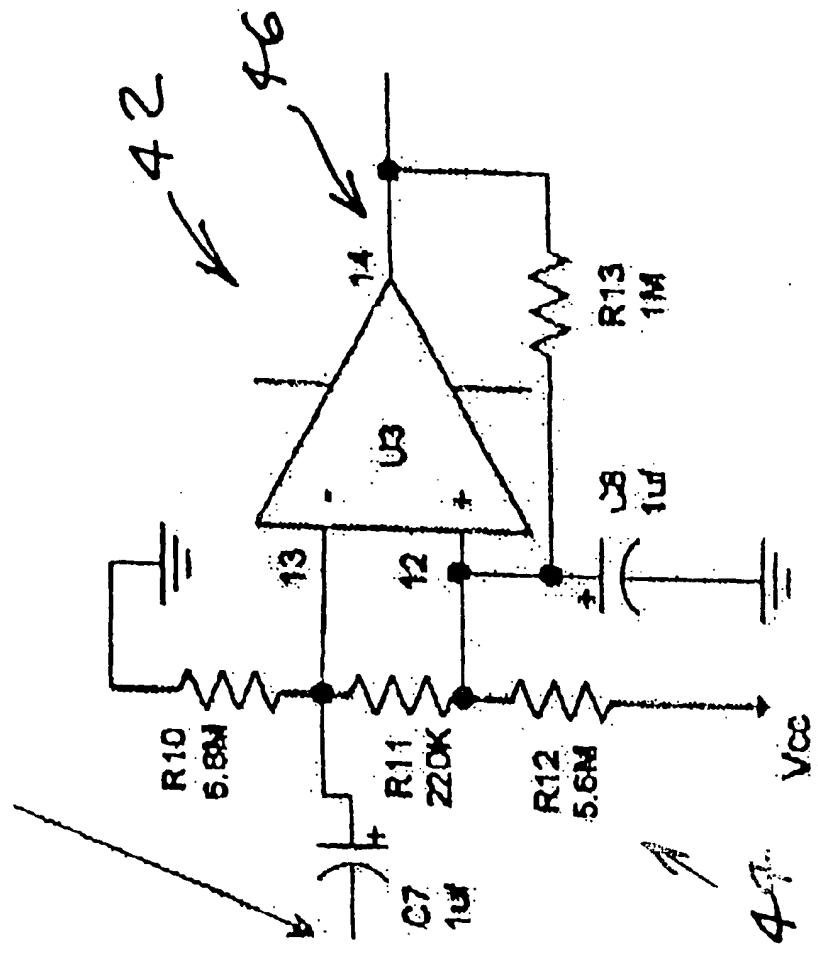


FIG. 3A(6)

